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Date:	December 16, 2004	Fax:	703-872-9306
To:	U.S. Patent and Trademark Office	Phone:	

**Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450**

From:	Rachel V. Leiterman
Serial No.:	09/660,317
Docket:	M-8633 US (LUM- M-8633 US)
Re:	Response to Office Action
Pages:	16 (including cover sheet)

Message:

Re: Applicant(s): Michael D. Camras; Michael R. Krames; Wayne L. Snyder; Frank M. Steranka; Robert C. Taber; John J. Uebbing; Douglas W. Pocius; Troy A. Trottier; Christopher H. Lowery; Gerd O. Mueller; Regina B. Mueller-Mach
 Assignee: Lumileds Lighting U.S. LLC
 Title: Light Emitting Diodes With Improved Light Extraction Efficiency
 Serial No.: 09/660,317
 Examiner: Monica Lewis Filed: September 12, 2000
 Docket No.: M-8633 US Group Art Unit: 2822

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Transmittal Letter (1 page);
- (2) Response to Office Action (14 pages).

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Brian D. Ogonowsky
 Carmen C. Cook
 David C. Hsia
 Rachel V. Leiterman

December 16, 2004

Via Facsimile

Commissioner for Patents
 P. O. Box 1450
 Alexandria, VA 22313-1450

Re: Applicant(s): Michael D. Camras; Michael R. Krames; Wayne L. Snyder; Frank M. Steranka; Robert C. Taber; John J. Uebbing; Douglas W. Pocius; Troy A. Trottier; Christopher H. Lowery; Gerd O. Mueller; Regina B. Mueller-Mach
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 (LUM-M-8633 US)

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) This Transmittal Letter (1 page);
- (2) Response to Office Action (14 pages).

No additional fee is required.
 The fee has been calculated as shown below:

	Claims Remaining <i>After Amendment</i>	Highest No. <i>Previously Paid For</i>	Present <i>Extra</i>	Rate	Additional <i>Fee</i>
Total Claims	66	Minus 66	= 0	x \$50	\$ 0.00

Independent Claims	6	Minus 6	= 0	x \$200	\$ 0.00
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- Fee of _____ for the first filing of one or more multiple dependent claims per application \$
- Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.
- Please charge our Deposit Account No. 502226 in the amount of 0.00
- Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 502226.

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Respectfully submitted,



Rachel V. Leiterman
 Attorney for Applicant(s)
 Reg. No. 46,868

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I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Rachel V. Leiterman 12/16/04
 Signature Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael D. Camras; Michael R. Krames; Wayne L. Snyder; Frank M. Steranka; Robert C. Taber; John J. Uebbing; Douglas W. Pocius; Troy A. Trottier; Christopher H. Lowery; Gerd O. Mueller; Regina B. Mueller-Mach

Assignee: Lumileds Lighting U.S. LLC

Title: Light Emitting Diodes With Improved Light Extraction Efficiency

Serial No.: 09/660,317 Filing Date: September 12, 2000

Examiner: Monica Lewis Group Art Unit: 2822

Docket No.: M-8633 US

San Jose, California
December 16, 2004

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

This responds to the office action mailed September 23, 2004. Please amend the above-identified application as follows.

The claims are listed beginning on page 2 of this paper.

Remarks begin on page 11 of this paper.

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